Stefano Filipazzi
(University of California)

On the boundedness of n-folds of Kodaira dimension $n-1$.

One of the main topics in the classification of algebraic varieties is boundedness. Loosely speaking, a set of varieties is called bounded if it can be parametrized by a scheme of finite type. In the literature, there is extensive work regarding the boundedness of varieties belonging to the three building blocks of the birational classificaiton of varieties: varieties of Fano type, Calabi–Yau type, and general type. Recently, work of Di Cerbo–Svaldi and Birkar introduced ideas to deduce boundedness statements for fibrations from boundedness results concerning these three classes of varieties. Following this philosophy, in this talk I will discuss some natural conditions for a set of n-folds of Kodaira dimension $n-1$ to be bounded. Part of this talk is based on joint work with Roberto Svaldi.

Donnerstag, 23.07.2020

17:30 - 18:30

Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.